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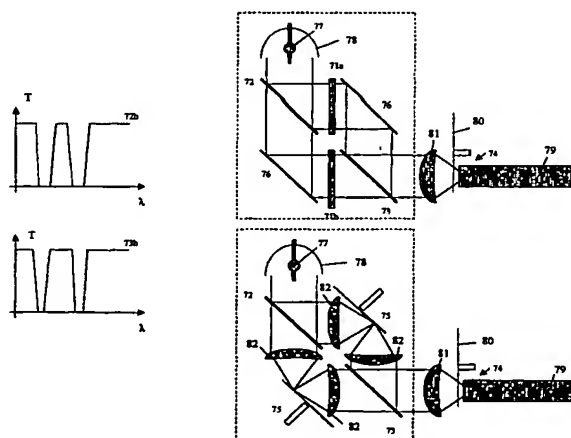
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(54) Title: METHOD AND DEVICE FOR PERFORMING STEREOSCOPIC IMAGE DISPLAY BASED ON COLOR SELEC-  
TIVE FILTERS



(57) Abstract: In one aspect, the present invention relates to a stereoscopic projection system comprising a projection device with a least one filter which filters a parameter of the light in a color selective manner. The at least one filter which filters a parameter of the light in a color selective manner has a spectral characteristic for transmitting light in a first wavelength band or set of wavelength bands and for reflecting light in a second wavelength band or set of wavelength bands. The projection device comprises a means, such as e.g. a rotating wheel or a sliding filter, for fast synchronized switching between light in different wavelength bands or sets of wavelength bands. In a further aspect, a stereoscopic projection system is provided in which a combination of a first and a second filter mechanism are used, the first filter mechanism being a filter which filters a parameter of the light in a color selective manner, such as a color selective filter or a color selective retarder, and the second filter mechanism preferably being a polarizer or a shutter.

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